Listing of Claims

1. (Previously Presented) A venous filter comprising

at least two struts each having a connected end and a non-connected end, wherein each of said struts further comprises a strut portion and an anchor portion, and wherein the strut portion and the anchor portion fit together via a positive and a negative thread, and wherein the thread on either of said strut portion, said anchor portion, or both comprises an electrolytically active thread that erodes quickly; and

a head, wherein said head connects said connected ends of said struts, wherein said strut portion can be separated from said anchor portion at least in part by the application of an electrical current.

2. (Original) The venous filter of claim 1, wherein said electrolytically active threads are on said strut portion.

3. (Original) The venous filter of claim 1, wherein said electrolytically active threads are on said anchor portion.

4. (Original) The venous filter of claim 1, wherein said electrolytically active thread comprises platinum, rhodium, palladium, rhenium, tungsten, gold, silver, tantalum, stainless steel, nickel, titanium, copper, zinc, benzillium, silicon, tin, aluminum, gallium, or combinations thereof.

5. (Previously Presented) A venous filter comprising

at least two struts, each having a connected and a non-connected end, wherein each of said struts comprises a strut portion, a temperature sensitive portion and an anchor portion, wherein said temperature sensitive portion is comprised of a temperature sensitive material different from the anchor portion, and wherein said material is located between said strut portion and said anchor portion and provides for separation of the anchor portion from said temperature sensitive portion upon removal of the venous filter at least in part by changing the temperature around at least said temperature sensitive portion; and

a head, wherein said head connects said connected ends of said struts.

6. (Original) The venous filter of claim 5, wherein said temperature sensitive portion comprises nickel-titanium alloys, copper base alloys, or combinations thereof.

7. (Original) The venous filter of claim 6, wherein said temperature sensitive portion comprises nitinol.

8. (Currently amended) A venous filter comprising

a web comprising a dissolvable material; and

at least two anchors, wherein said at least two anchors are configured to retain said web within a mammalian blood vessel, and wherein said dissolvable material comprises one piece of material that is spiraled from the outside in.

9. (Original) The venous filter of claim 8, wherein said dissolvable material comprises catgut, treated catgut (mild chromic gut), polyglycolic acid, polyglactic acid, polydioxanone, polyglyconate, polyglecaprone 25, pectin, agar, arabic gum, xanthum gum, tragacanth gum, karaya alginic acid, a salt of karaya alginic acid, carrageenan, dextrin, starches, celluloses, polyvinyl alcohol, polyvinylpyrrolidone, polyethylene glycol, mannans, hydrogels, elastin-like peptides, polyhydroxyalkanoates, a polycondensation polymer of glycerol and sebacic acid, or some combination thereof.

10. (Original) The venous filter of claim 9, wherein said dissolvable material comprises hydrogels, elastin-like peptides, polyhydroxyalkanoates, or a polycondensation polymer of glycerol and sebacic acid.

11. (Original) The venous filter of claim 10, wherein said dissolvable material is a polycondensation polymer of glycerol and sebacic acid.

12. (Cancelled)

13. (Previously Presented) The venous filter of claim 9, further comprising other pieces of dissolvable material that crosslinks the spiraled piece of dissolvable material.

14. (Previously Presented) The venous filter of claim 1, wherein said filter has a shape selected from the group consisting of a web, a spiral, and a conical shape.

15. (Original) The venous filter of claim 8, wherein said filter dissolves in stages based upon the physical thickness of the web material.

16. (Original) The venous filter of claim 8, wherein said filter dissolves in stages based upon the chemical solubility of the web components.

17. (Previously Presented) The venous filter of claim 15, wherein said filter dissolves in stages, said filter dissolution starting at the filter center and concluding at the filter periphery.

18. (Previously Presented) The venous filter of claim 8, wherein said filter has a shape selected from the group consisting of a web, a spiral, and a conical shape.

19. (Previously Presented) The venous filter of claim 16, wherein said filter dissolves in stages, said filter dissolution starting at the filter center and concluding at the filter periphery.